



Daniel Estévez-Barcia

POSTDOC RESEARCHER

Greenland Institute of Natural Resources

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I am a person with widespread skills who is always learning new practical things. I am resourceful, inquisitive and good humored. My career has given me good skills in communication, science writing, project development and learning capacity.

Projects

Ecologic speciation with gene flow: evolution of preference during mating in simpatry

University of Vigo

FUNDING: MINISTRY FOR ECONOMY AND COMPETITIVENESS, GOVERNMENT OF SPAIN

February 2015 → July 2016

- Role: PhD researcher

Greenland halibut and coastal societies (NORSUSTAIN)

Greenland Institute of Natural Resources

FUNDING: NORDIC COUNCIL OF MINISTERS

October 2019 → October 2022

- Role: Postdoctoral researcher

Peer-reviewed Publications

1. Estévez, D., Ng, T. P. T., Fernández-Meirama, M., Voois, J. M., Carvajal-Rodríguez, A., Williams, G. A., Galindo, J., & Rolán-Alvarez, E. (2018). A novel method to estimate the spatial scale of mate choice in the wild. *Behav. Ecol. Sociobiol.*, 72(12). <https://doi.org/10.1007/s00265-018-2622-3>
2. Ng, T. P. T., Rolán-Alvarez, E., Dahlén, S. S., Davies, M. S., Estévez, D., Stafford, R., & Williams, G. A. (2019). The causal relationship between sexual selection and sexual size dimorphism in marine gastropods. *Anim. Behav.*, 148, 53–62. <https://doi.org/10.1016/j.anbehav.2018.12.005>
3. Fernández-Meirama, M., Estévez, D., Ng, T. P. T., Williams, G. A., Carvajal-Rodríguez, A., & Rolán-Alvarez, E. (2017). A novel method for estimating the strength of positive mating preference by similarity in the wild. *Ecol. Evol.*, 7(9), 2883–2893. <https://doi.org/10.1002/ece3.2835>
4. Rolán-Alvarez, E., Saura, M., Diz, A. P., Rivas, M. J., Alvarez, M., Cortés, B., Coó, A. de, Estévez, D., & Iglesias, L. (2012). Can sexual selection and disassortative mating contribute to the maintenance of a shell color polymorphism in an intertidal marine snail? *Curr. Zool.*, 58(3), 463–474. <https://doi.org/10.1093/czoolo/58.3.463>
5. Rolán-Alvarez, E., Carvajal-Rodríguez, A., Coó, A. de, Cortés, B., Estévez, D., Ferreira, M., González, R., & Briscoe, A. D. (2015). The scale-of-choice effect and how estimates of assortative mating in the wild can be biased due to heterogeneous samples. *Evolution (N. Y.)*, 69(7), 1845–1857. <https://doi.org/10.1111/evo.12691>
6. Estévez, D., Galindo, J., & Rolán-Alvarez, E. (2021). Negative frequency-dependent selection maintains shell banding polymorphisms in two marine snails (*Littorina fabalis* and *Littorina saxatilis*). *Ecol. Evol.*, February, 6381–6390. <https://doi.org/10.1002/ece3.7489>
7. Estévez, D., Kozminsky, E., Carvajal-Rodríguez, A., Caballero, A., Faria, R., Galindo, J., & Rolán-Alvarez, E. (2020). Mate Choice Contributes to the Maintenance of Shell Color Polymorphism in a Marine Snail via Frequency-Dependent Sexual Selection. *Front. Mar. Sci.*, 7(December), 1–15. <https://doi.org/10.3389/fmars.2020.614237>

Other Publications

1. Nogueira, A., & Estévez-Barcia, D. (2020). *Results for Greenland halibut survey in NAFO Divisions 1C-1D for the period 1997-2017, and 2019* (p. 40). Northwest Atlantic Fisheries Organization.

Superior Education

BSc Biology

University of Vigo

SUBJECTS: EVOLUTION; PHYSICS; MATHEMATICS; CHEMISTRY; GEOLOGY; SOIL SCIENCE; BASIC FIELD TECHNIQUES; BASIC LABORATORY TECHNIQUES; STATISTICS; BIOCHEMISTRY; BOTANY; ZOOLOGY; MICROBIOLOGY; HISTOLOGY; CYTOLOGY; GENETICS; CLINICAL ANALYSIS AND DIAGNOSE; BIODIVERSITY MANAGEMENT; ANIMAL PRODUCTION; MICROBIAL PRODUCTION; QUALITY MANAGEMENT; PROJECT DESIGN AND EXECUTION; COMMUNITY ECOLOGY; GENES AND EVOLUTION; BIOLOGICAL ENHANCED SKILL TRAINING; MOLECULAR BIOLOGY OF THE GENE; CONSERVATION BIOLOGY; PRINCIPLES OF ANIMAL PHYSIOLOGY; OCEAN BIOLOGY; SCIENCE AND THE MEDIA; DEGREE PROJECT

07/2013

MSc Marine Biology

Bangor University

SUBJECTS: MARINE ECOLOGY SKILLS; MARINE FISHERIES; HABITAT ECOLOGY/COASTAL SURVEY; MARINE VERTEBRATES; MARINE INVERTEBRATES; RESEARCH DESIGN & PLANNING; RESEARCH PROJECT/DISSERTATION

07/2014

PhD on Marine Science, Technology and Management

University of Vigo

RESULT: FIRST CLASS QUALIFICATION

05/2018

Training

Workshop on Genomics

Czechia

INTERNATION ASSEMBLY OF EXPERTS

01/2018

- 39 hours

Molecular approaches, methods and techniques in animal ecology

Donosti, Spain

UNIVERSITY OF THE BASQUE COUNTRY

07/2017

- 30 hours

Cursos programa PhD DoMar

Vigo, Spain

UNIVERSITY OF VIGO

12/2015

- 400 hours

Marine Evolutionary Genomics and Proteomics

Vigo, Spain

ECIMAT

10/2014

- 32 hours

Statistical training in R for researchers

Vigo, Spain

UNIVERSITY OF VIGO

06/2013

- 35 hours

Presentations in Congresses and Symposia

Poster: A protected polymorphism for shell colour in a natural population of a marine snail

Congress of the European Society
for Evolutionary Biology, Lausanne,
Switzerland

EUROPEAN SOCIETY FOR EVOLUTIONARY BIOLOGY

08/2015

Presentation: Un polimorfismo protegido en poblaciones naturales de *Littorina fabalis* (Turton, 1825)

V congreso de la SESBE, Murcia,
Spain

SPANISH SOCIETY OF EVOLUTIONARY BIOLOGY

01/2016

Presentation: Frequency dependent sexual selection is contributing to the colour polymorphysm maintenance in the marine snail *Littorina fabalis* (Turton, 1825)

International Symposium of
Littorinid Biology and Evolution,
Stromstad, Sweden

CENTRE FOR MARINE EVOLUTIONARY BIOLOGY, UNIVERSITY OF GOTHENBURG

08/2017

Poster: Mechanisms for genetic variation maintenance in the intertidal snail *Littorina fabalis* (Turton, 1825)

Congress of the European Society
for Evolutionary Biology, Groningen,
The Netherlands

EUROPEAN SOCIETY FOR EVOLUTIONARY BIOLOGY

08/2017

Languages

English

CERTIFICATE IN ADVANCED ENGLISH

- C1

Galician

CELGA 4

- C1

Spanish

NO ACCREDITATION

- Native